

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A method for thermally protecting a variable speed electric paint sprayer having an electric motor, a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said electric motor; and

reducing said controlled pressure from said user-selected controlled pressure and
continuing to continuously spray at a reduced consistent non-zero pressure when
said electric motor temperature exceeds a predetermined level.

2. (original): The method of claim 1 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.

3. (previously amended): A method for thermally protecting a variable speed electric paint sprayer having an electric motor, a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor; and

changing the control of said motor from variable speed control to on/off control when
said motor temperature exceeds a predetermined level to enable continued
continuous spraying at said user-selected pressure.

4. (original): The method of claim 3 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.

5. (currently amended): A method for thermally protecting a variable speed electric paint sprayer having an electric motor, a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor;

reducing the controlled pressure from said user-selected controlled pressure and
continuing to continuously spray at a reduced consistent non-zero pressure when
said motor temperature exceeds a first predetermined level; and

changing the control of said motor from variable speed control to on/off control when
said motor temperature exceeds a second predetermined level to enable continued
spraying at a reduced non-zero pressure.

6. (original): The method of claim 5 wherein said second predetermined level is higher than said first predetermined level.

Appl.No. 10/575,607
Amdt.dated December 8, 2011
Reply to Office action of September 7, 2011

7. (original): The method of claim 5 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.